Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

EMB

"FIRST AND FINAL BILL"

Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly								
	Vide Premeasurement page no.					618.92			
					Present Qty	6207.32	Cum	144.62	897702.62
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:4:8 with OPC @ 180kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by								
	Vide Premeasurement page no.					1039.95			
					Present Qty	1039.95	Cum	5897.97	6133582.11
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering,								
	Vide Premeasurement page no.					1833.87			
					Present Qty	1833.87	Cum	7790.43	14286614.05
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design								
	Vide Premeasurement page no.					111.74			
					Present Qty	111.74	Tn	84113.86	9398986.83
6	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:2:4 with OPC @ 240kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, in foundation mechanically mixed, placed in foundation and compacted by								
	Vide Premeasurement page no.					16.05			
					Present Qty	16.05	Cum	6328.02	101564.72
	Above 125%								
	Vide Premeasurement page no.					1.24			
					Present Qty	1.24	Cum	6328.02	7846.74
9	Removing & Refixing of Kerb Stone								
	Vide Premeasurement page no.					153.00			
					Present Qty	153.00	M	110.13	16849.89
14	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3								
	Vide Premeasurement page no.					8597.31			
					Present Qty	8597.31	Sqm	56.82	488499.15
15	KSRRB M300-14. Excavation for road work in all type of soil by mechanical means including cutting loading to tippers trimming bottom and side slopes in accordance with requirment of lines and cross sections and transportation with a lead of 1.00 km and complete as per specification.								
	Vide Premeasurement page no.					1216.34			
					Present Qty	1216.34	Sqm	56.36	68552.70
16	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.								
	Vide Premeasurement page no.					11638.15			

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
					Present Qty	11638.15	Sqm	6.67	77626.46
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on								
	Vide Premeasurement page no.					1745.72			
					Present Qty	1745.72	Cum	2093.67	3654966.83
18	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers								
	Vide Premeasurement page no.					2470.11			
					Present Qty	2470.11	Cum	2100.34	5188067.69
19	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.								
	Vide Premeasurement page no.					10978.26			
					Present Qty	10978.26	Sqm	35.60	390826.06
20	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision								
	Vide Premeasurement page no.					13042.09			
					Present Qty	13042.09	Sqm	5.56	72514.01
	Above 125%								
	Vide Premeasurement page no.					2242.04			
					Present Qty	2242.04	Sqm	5.56	12465.73
21	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant,								
	Vide Premeasurement page no.					883.25			
					Present Qty	883.25	Cum	7653.79	6760238.72
22	KSRRB 500--10 Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications.								
	Vide Premeasurement page no.					17665.08			
					Present Qty	17665.08	Sqm	13.35	235828.75
26	KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-								
	Vide Premeasurement page no.					62.48			
					Present Qty	62.48	Cum	4262.32	266288.44

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Above 125%								
	Vide Premeasurement page no.					3.51			
					Present Qty	3.51	Cum	4262.32	14977.79
28	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications								
	Vide Premeasurement page no.					6207.32			
					Present Qty	6207.32	Cum	76.84	476970.47
E1	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well								
	Vide Premeasurement page no.					353.05			
					Present Qty	353.05	Cum	5505.64	1943748.31
E2	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM								
	Vide Premeasurement page no.					72.80			
					Present Qty	72.80	Sqm	1019.72	74235.62
E3	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications. Specifications No. KSRB 1000, 2300 do.								
	Vide Premeasurement page no.					10.00			
					Present Qty	10.00	M	2737.98	27379.80

For M/s. NANDI CONSTRUCTION
Partners
Contractor

NEWZEN CONSULTANT Bangalore
Consultant

Assistant Engineer

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Asst. Executive Engineer,
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Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

Detailed Measurements

Measurement Recorded On: 15/10/2021, 16/10/2021, 18/10/2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 100mm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and								
	RCC Drain Raft								
	Industrila Area								
	Ajantha Vihar Appertment Rd								
	LHS From End								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 37.60m	1	7.60	1.20		9.12			
	Ch: 37.60m to 48.80m Rd Gap		11.20						
	Ch: 48.80m to 78.80m	1	30.00	1.20		36.00			
	Ch: 78.80m to 108.80m	1	30.00	1.20		36.00			
	Ch: 108.80m to 138.80m	1	30.00	1.20		36.00			
	Ch: 138.80m to 168.80m	1	30.00	1.20		36.00			
	Ch: 168.80m to 198.80m	1	30.00	1.20		36.00			
	Ch: 198.80m to 228.80m	1	30.00	1.20		36.00			
	Ch: 228.80m to 239.20m Rd Gap		10.40						
	Ch: 239.20m to 269.20m	1	30.00	1.20		36.00			
	Ch: 269.20m to 269.80m	1	0.60	1.20		0.72			
	Ch: 269.80m to 289.50m Gap		19.70						
	Ch: 289.50m to 319.50m	1	30.00	1.20		36.00			
	Ch: 319.50m to 349.50m	1	30.00	0.90		27.00			
	Ch: 349.50m to 379.50m	1	30.00	0.90		27.00			
	Ch: 379.50m to 409.50m	1	30.00	0.90		27.00			
	Ch: 409.50m to 411.80m	1	2.30	0.90		2.07			
	RHS From 4th Phase Main Rd								
	Ch: 0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch: 30.00m to 60.00m	1	30.00	1.20		36.00			
	Ch: 60.00m to 90.00m	1	30.00	1.20		36.00			
	Ch: 90.00m to 120.00m	1	30.00	1.20		36.00			
	Ch: 120.00m to 150.00m	1	30.00	1.20		36.00			
	Ch: 150.00m to 180.00m	1	30.00	1.20		36.00			

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NEWZEN CONSULTANT Bangalore Consultant

Contractor

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 180.00m to 210.00m	1	30.00	1.20		36.00			
	Ch: 210.00m to 240.00m	1	30.00	1.20		36.00			
	Ch: 240.00m to 270.00m	1	30.00	1.20		36.00			
	Ch: 270.00m to 300.00m	1	30.00	1.20		36.00			
	Ch: 300.00m to 330.00m	1	30.00	1.20		36.00			
	Ch: 330.00m to 360.00m	1	30.00	1.20		36.00			
	Ch: 360.00m to 390.00m	1	30.00	1.20		36.00			
	Ch: 390.00m to 420.00m	1	30.00	1.20		36.00			
	Line Lights Rd(# 1035 House) Wheel and Axel compound Parallel Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
	Ch: 90.00m to 120.00m	1	30.00	0.90		27.00			
	Ch: 120.00m to 150.00m	1	30.00	0.90		27.00			
	Ch: 150.00m to 180.00m	1	30.00	0.90		27.00			
	Ch: 180.00m to 210.00m	1	30.00	0.90		27.00			
	Ch: 210.00m to 240.00m	1	30.00	0.90		27.00			
	Ch: 240.00m to 270.00m	1	30.00	0.90		27.00			
	Ch: 270.00m to 300.00m	1	30.00	0.90		27.00			
	Ch: 300.00m to 330.00m	1	30.00	0.90		27.00			
	Ch: 330.00m to 340.00m	1	10.00	0.90		9.00			
	LHS From End								
	Ch: 0.00m to 24.40m Gap		24.40						
	Ch: 24.40m to 54.40m	1	30.00	0.90		27.00			
	Ch: 54.40m to 84.40m	1	30.00	0.90		27.00			
	Ch: 84.40m to 114.40m	1	30.00	0.90		27.00			
	Ch: 114.40m to 144.40m	1	30.00	0.90		27.00			
	Ch: 144.40m to 146.60m	1	2.20	0.90		1.98			
	Ch: 146.60m to 159.10m		12.50						
	Ch: 159.10m to 186.10m	1	27.00	0.90		24.30			
	Ch: 186.10m to 188.60m Tree Gap		2.50						
	Ch: 188.60m to 218.60m	1	30.00	0.90		27.00			
	Ch: 218.60m to 232.60m	1	14.00	0.90		12.60			
	Ch: 232.60m to 241.20m		8.60						
	Ch: 241.20m to 257.40m	1	16.20	0.90		14.58			
	Ch: 257.40m to 259.90m **Gap**		2.50						
	Ch: 259.90m to 289.90m	1	30.00	0.90		27.00			
	Ch: 289.90m to 318.90m	1	29.00	0.90		26.10			

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ajantha Vihar Appertment Beside Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 79.00m	1	19.00	0.90		17.10			
	Ch: 79.00m to 84.80m		5.80						
	Ch: 84.80m to 114.80m	1	30.00	0.90		27.00			
	Ch: 114.80m to 144.80m	1	30.00	0.90		27.00			
	Ch: 144.80m to 174.80m	1	30.00	0.90		27.00			
	Ch: 174.80m to 204.80m	1	30.00	0.90		27.00			
	Ch: 204.80m to 214.20m	1	9.40	0.90		8.46			
	Ch: 214.20m to 226.80m		12.60						
	Ch: 226.80m to 256.80m	1	30.00	0.90		27.00			
	Ch: 256.80m to 273.30m	1	16.50	0.90		14.85			
	Ch: 273.30m to 281.60m		8.30						
	Ch: 281.60m to 287.90m	1	6.30	0.90		5.67			
	LHS From End								
	Ch: 0.00m to 19.40m	1	19.40	0.90		17.46			
	Ch: 19.40m to 25.80m Culvert		6.40						
	Ch: 25.80m to 55.80m	1	30.00	0.90		27.00			
	Ch: 55.80m to 60.50m	1	4.70	0.90		4.23			
	Ch: 60.50m to 64.70m Culvert		4.20						
	Ch: 64.70m to 94.70m	1	30.00	0.90		27.00			
	Ch: 94.70m to 104.20m Culvert		9.50						
	Ch: 104.20m to 114.90m	1	10.70	0.90		9.63			
	Ch: 114.90m to 144.90m	1	30.00	0.90		27.00			
	Ch: 144.90m to 174.90m	1	30.00	0.90		27.00			
	Ch: 174.90m to 194.30m	1	19.40	0.90		17.46			
	Ch: 194.30m to 200.90m Rd Gap		6.60						
	Ch: 200.90m to 230.90m	1	30.00	0.90		27.00			
	Ch: 230.90m to 231.70m	1	0.80	0.90		0.72			
	Ch: 231.70m to 244.30m Culvert		12.60						
	Ch: 244.30m to 274.30m	1	30.00	0.90		27.00			
	Ch: 274.30m to 285.30m	1	11.00	0.90		9.90			
	Cotton Word Office Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 47.60m	1	17.60	0.90		15.84			

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NEWZEN CONSULTANT * Bangalore * Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 47.60m to 53.00m Culvert		5.40						
	Ch: 53.00m to 61.30m	1	8.30	0.90		7.47			
	RHS								
	Ch: 0.00m to 10.20m	1	10.20	0.90		9.18			
	Ch: 10.20m to 14.70m		4.50						
	Ch: 14.70m to 31.70m	1	17.00	0.90		15.30			
	Durga Ganapathi House Rd								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch: 60.00m to 90.00m	1	30.00	0.90		27.00			
	Ch: 90.00m to 96.40m	1	6.40	0.90		5.76			
	Ch: 96.40m to 126.40m	1	30.00	0.90		27.00			
	Ch: 126.40m to 142.40m	1	16.00	0.90		14.40			
	Ch: 142.40m to 161.90m	1	19.50	0.90		17.55			
	Ch: 161.90m to 167.30m Culvert		5.40						
	Ch: 167.30m to 169.60m	1	2.30	0.90		2.07			
	Ch: 169.60m to 188.10m		18.50						
	Ch: 188.10m to 218.10m	1	30.00	0.90		27.00			
	Ch: 218.10m to 234.60m	1	16.50	0.90		14.85			
	Ch: 234.60m to 243.80m Rd Gap		9.20						
	Ch: 243.80m to 273.80m	1	30.00	0.90		27.00			
	Ch: 273.80m to 282.80m	1	9.00	0.90		8.10			
	Ch: 282.80m to 294.40m	1	11.60	0.90		10.44			
	Ch: 294.40m to 308.70m	1	14.30	0.90		12.87			
	Ch: 308.70m to 313.90m	1	5.20	0.90		4.68			
	Ch: 313.90m to 329.60m	1	15.70	0.90		14.13			
	Ch: 329.60m to 335.40m Culvert		5.80						
	Ch: 335.40m to 338.30m	1	2.90	0.90		2.61			
	RHS From End								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 48.00m		18.00						
	Ch: 48.00m to 78.00m	1	30.00	0.90		27.00			
	Ch: 78.00m to 92.50m	1	14.50	0.90		13.05			
	Ch: 92.50m to 118.50m		26.00						
	Ch: 118.50m to 132.00m	1	13.50	0.90		12.15			
	Ch: 132.00m to 135.50m		3.50						
	Ch: 135.50m to 146.00m	1	10.50	0.90		9.45			
	Ch: 146.00m to 150.40m		4.40						
	Ch: 150.40m to 180.40m	1	30.00	0.90		27.00			

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NEWZEN CONSULTANT Bangalore Consultant ksh

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 180.40m to 198.20m	1	17.80	0.90		16.02			
	Ch: 198.20m to 201.40m		3.20						
	Ch: 201.40m to 231.40m	1	30.00	0.90		27.00			
	Ch: 231.40m to 238.00m	1	6.60	0.90		5.94			
	Ch: 238.00m to 242.00m		4.00						
	Ch: 242.00m to 272.00m	1	30.00	0.90		27.00			
	Ch: 272.00m to 277.00m	1	5.00	0.90		4.50			
	Ch: 277.00m to 282.30m		5.30						
	Ch: 282.30m to 290.50m	1	8.20	0.90		7.38			
	Ch: 290.50m to 293.90m		3.40						
	Ch: 293.90m to 317.90m	1	24.00	0.90		21.60			
	Ch: 317.90m to 333.40m		15.50						
	Ch: 333.40m to 357.40m	1	24.00	0.90		21.60			
	GO GO International Factory Main Rd (Nidhi Fasions Rd)								
	LHS								
	Ch: 0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch: 30.00m to 44.00m	1	14.00	0.90		12.60			
	Ch: 44.00m to 48.00m Tree Gap		4.00						
	Ch: 48.00m to 78.00m	1	30.00	0.90		27.00			
	Ch: 78.00m to 108.00m	1	30.00	0.90		27.00			
	Ch: 108.00m to 124.50m	1	16.50	0.90		14.85			
	Ch: 124.50m to 135.80m		11.30						
	Ch: 135.80m to 165.80m	1	30.00	0.90		27.00			
	Ch: 165.80m to 186.30m	1	20.50	0.90		18.45			
	Ch: 186.30m to 196.80m Culvert		10.50						
	Ch: 196.80m to 226.80m	1	30.00	0.90		27.00			
	Ch: 226.80m to 256.80m	1	30.00	0.90		27.00			
	Ch: 256.80m to 278.80m	1	22.00	0.90		19.80			
	Ch: 278.80m to 284.30m		5.50						
	Ch: 284.30m to 314.30m	1	30.00	0.90		27.00			
	Ch: 314.30m to 344.30m	1	30.00	0.90		27.00			
	Ch: 344.30m to 368.80m	1	24.50	0.90		22.05			
	RHS From End								
	Ch: 0.00m to 10.00m	1	10.00	0.90		9.00			
	Ch: 10.00m to 15.00m Gap		5.00						
	Ch: 15.00m to 45.00m	1	30.00	0.90		27.00			
	Ch: 45.00m to 47.00m	1	2.00	0.90		1.80			
	Ch: 47.00m to 52.50m Gap		5.50						
	Ch: 52.50m to 82.50m	1	30.00	0.90		27.00			
	Ch: 82.50m to 112.50m	1	30.00	0.90		27.00			

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	RHS from End								
	Ch: 0.00m to 7.00m	1	7.00	0.90		6.30			
	Ch: 7.00m to 13.70m Culvert		6.70						
	Ch: 13.70m to 29.70m	1	16.00	0.90		14.40			
	Ch: 29.70m to 42.40m		12.70						
	Cross Rd-3								
	LHS								
	Ch: 0.00m to 9.60m	1	9.60	0.90		8.64			
	RHS								
	Ch: 0.00m to 9.30m	1	9.30	0.90		8.37			
	For Shoulder Drain	140		0.60		84.00			
					Present Qty	**5000.15**	**Sqm**	**5686.19**	**28431774.50**

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NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)									
Detailed Measurements									
Measurement Recorded On: 02/09/2021, 03/09/2021, 06/09/2021									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
10	Providing and Fixing pre cast Solid Cement Concrete Kerb stone made made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively								
	Kerb								
	Industrila Area								
	Ajantha Vihar Appertment Rd								
	LHS From End								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 37.60m	1	7.60			7.60			
	Ch: 37.60m to 48.80m Rd Gap		11.20						
	Ch: 48.80m to 78.80m	1	30.00			30.00			
	Ch: 78.80m to 108.80m	1	30.00			30.00			
	Ch: 108.80m to 138.80m	1	30.00			30.00			
	Ch: 138.80m to 168.80m	1	30.00			30.00			
	Ch: 168.80m to 198.80m	1	30.00			30.00			
	Ch: 198.80m to 228.80m	1	30.00			30.00			
	Ch: 228.80m to 239.20m Rd Gap		10.40						
	Ch: 239.20m to 269.20m	1	30.00			30.00			
	Ch: 269.20m to 269.80m	1	0.60			0.60			
	Ch: 269.80m to 289.50m Gap		19.70						
	Ch: 289.50m to 319.50m	1	30.00			30.00			
	Ch: 319.50m to 349.50m	1	30.00			30.00			
	Ch: 349.50m to 379.50m	1	30.00			30.00			

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 379.50m to 409.50m	1	30.00			30.00			
	Ch: 409.50m to 411.80m	1	2.30			2.30			
	RHS From 4th Phase Main Rd								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 150.00m	1	30.00			30.00			
	Ch: 150.00m to 180.00m	1	30.00			30.00			
	Ch: 180.00m to 210.00m	1	30.00			30.00			
	Ch: 210.00m to 240.00m	1	30.00			30.00			
	Ch: 240.00m to 270.00m	1	30.00			30.00			
	Ch: 270.00m to 300.00m	1	30.00			30.00			
	Ch: 300.00m to 330.00m	1	30.00			30.00			
	Ch: 330.00m to 360.00m	1	30.00			30.00			
	Ch: 360.00m to 390.00m	1	30.00			30.00			
	Ch: 390.00m to 420.00m	1	30.00			30.00			
	Line Lights Rd(# 1035 House) Wheel and Axel compound Parallel Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 90.00m	1	30.00			30.00			
	Ch: 90.00m to 120.00m	1	30.00			30.00			
	Ch: 120.00m to 150.00m	1	30.00			30.00			
	Ch: 150.00m to 180.00m	1	30.00			30.00			

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Contractor

NEWZEN CONSULTANT Bangalore — Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 180.00m to 210.00m	1	30.00			30.00			
	Ch: 210.00m to 240.00m	1	30.00			30.00			
	Ch: 240.00m to 270.00m	1	30.00			30.00			
	Ch: 270.00m to 300.00m	1	30.00			30.00			
	Ch: 300.00m to 330.00m	1	30.00			30.00			
	Ch: 330.00m to 340.00m	1	10.00			10.00			
	LHS From End								
	Ch: 0.00m to 24.40m Gap		24.40						
	Ch: 24.40m to 54.40m	1	30.00			30.00			
	Ch: 54.40m to 84.40m	1	30.00			30.00			
	Ch: 84.40m to 114.40m	1	30.00			30.00			
	Ch: 114.40m to 144.40m	1	30.00			30.00			
	Ch: 144.40m to 146.60m	1	2.20			2.20			
	Ch: 146.60m to 159.10m	1	12.50			12.50			
	Ch: 159.10m to 186.10m	1	27.00			27.00			
	Ch: 186.10m to 188.60m Tree Gap		2.50						
	Ch: 188.60m to 218.60m	1	30.00			30.00			
	Ch: 218.60m to 232.60m	1	14.00			14.00			
	Ch: 232.60m to 241.20m	1	8.60			8.60			
	Ch: 241.20m to 257.40m	1	16.20			16.20			
	Ch: 257.40m to 259.90m Gap	1	2.50			2.50			
	Ch: 259.90m to 289.90m	1	30.00			30.00			
	Ch: 289.90m to 318.90m	1	29.00			29.00			

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Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ajantha Vihar Appertment Beside Rd								
	RHS								
	Ch: 0.00m to 30.00m	1	30.00			30.00			
	Ch: 30.00m to 60.00m	1	30.00			30.00			
	Ch: 60.00m to 79.00m	1	19.00			19.00			
	Ch: 79.00m to 84.80m		5.80						
	Ch: 84.80m to 114.80m	1	30.00			30.00			
	Ch: 114.80m to 144.80m	1	30.00			30.00			
	Ch: 144.80m to 174.80m	1	30.00			30.00			
	Ch: 174.80m to 204.80m	1	30.00			30.00			
	Ch: 204.80m to 214.20m	1	9.40			9.40			
	Ch: 214.20m to 226.80m		12.60						
	Ch: 226.80m to 256.80m	1	30.00			30.00			
	Ch: 256.80m to 273.30m	1	16.50			16.50			
	Ch: 273.30m to 281.60m		8.30						
	Ch: 281.60m to 287.90m	1	6.30			6.30			
	LHS From End								
	Ch: 0.00m to 19.40m	1	19.40			19.40			
	Ch: 19.40m to 25.80m Culvert		6.40						
	Ch: 25.80m to 55.80m	1	30.00			30.00			
	Ch: 55.80m to 60.50m	1	4.70			4.70			
	Ch: 60.50m to 64.70m Culvert		4.20						
	Ch: 64.70m to 94.70m	1	30.00			30.00			
	Ch: 94.70m to 104.20m Culvert		9.50						
	Ch: 104.20m to 114.90m	1	10.70			10.70			
	Ch: 114.90m to 144.90m	1	30.00			30.00			

Contractor

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Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 186.30m to 196.80m Culvert		10.50						
	Ch: 196.80m to 226.80m	1	30.00			30.00			
	Ch: 226.80m to 256.80m	1	30.00			30.00			
	Ch: 256.80m to 278.80m	1	22.00			22.00			
	Ch: 278.80m to 284.30m		5.50						
	Ch: 284.30m to 314.30m	1	30.00			30.00			
	Ch: 314.30m to 344.30m	1	30.00			30.00			
	Ch: 344.30m to 368.80m	1	24.50			24.50			
	RHS From End								
	Ch: 0.00m to 10.00m	1	10.00			10.00			
	Ch: 10.00m to 15.00m Gap		5.00						
	Ch: 15.00m to 45.00m	1	30.00			30.00			
	Ch: 45.00m to 47.00m	1	2.00			2.00			
	Ch: 47.00m to 52.50m Gap		5.50						
	Ch: 52.50m to 82.50m	1	30.00			30.00			
	Ch: 82.50m to 112.50m	1	30.00			30.00			
	Ch: 112.50m to 117.30m	1	4.80			4.80			
	Ch: 117.30m to 120.70m	1	3.40			3.40			
	Ch: 120.70m to 150.70m	1	30.00			30.00			
	Ch: 150.70m to 160.70m	1	10.00			10.00			
	Ch: 160.70m to 179.70m		19.00						
	Ch: 179.70m to 197.20m	1	17.50			17.50			
	Ch: 197.20m to 202.80m Rd Gap		5.60						
	Ch: 202.80m to 232.80m	1	30.00			30.00			

C&FC

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	LHS								
	Ch: 0.00m to 9.60m	1	9.60			9.60			
	RHS								
	Ch: 0.00m to 9.30m	1	9.30			9.30			
		-1	153.00			-153.00			
						5297.75			
					Present Qty	11773.00	Nos		
					Upto 125%	5643.75	Nos	89.00	502293.75
					Above 125%	6129.25	Nos	89.00	545503.25

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)									
Detailed Measurements									
Measurement Recorded On: 02/09/2021, 03/09/2021, 06/09/2021.									
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications								
	Kerb								
	Industrila Area								
	Ajantha Vihar Appertment Rd								
	LHS From End								
	Ch: 0.00m to 30.00m	1	30.00		0.30	9.00			
	Ch: 30.00m to 37.60m	1	7.60		0.30	2.28			
	Ch: 37.60m to 48.80m Rd Gap		11.20						
	Ch: 48.80m to 78.80m	1	30.00		0.30	9.00			
	Ch: 78.80m to 108.80m	1	30.00		0.30	9.00			
	Ch: 108.80m to 138.80m	1	30.00		0.30	9.00			
	Ch: 138.80m to 168.80m	1	30.00		0.30	9.00			
	Ch: 168.80m to 198.80m	1	30.00		0.30	9.00			
	Ch: 198.80m to 228.80m	1	30.00		0.30	9.00			
	Ch: 228.80m to 239.20m Rd Gap		10.40						
	Ch: 239.20m to 269.20m	1	30.00		0.30	9.00			
	Ch: 269.20m to 269.80m	1	0.60		0.30	0.18			
	Ch: 269.80m to 289.50m Gap		19.70						
	Ch: 289.50m to 319.50m	1	30.00		0.30	9.00			
	Ch: 319.50m to 349.50m	1	30.00		0.30	9.00			
	Ch: 349.50m to 379.50m	1	30.00		0.30	9.00			
	Ch: 379.50m to 409.50m	1	30.00		0.30	9.00			
	Ch: 409.50m to 411.80m	1	2.30		0.30	0.69			
	RHS From 4th Phase Main Rd								
	Ch: 0.00m to 30.00m	1	30.00		0.30	9.00			
	Ch: 30.00m to 60.00m	1	30.00		0.30	9.00			
	Ch: 60.00m to 90.00m	1	30.00		0.30	9.00			
	Ch: 90.00m to 120.00m	1	30.00		0.30	9.00			
	Ch: 120.00m to 150.00m	1	30.00		0.30	9.00			

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

em lo	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 0.00m to 8.70m	1	8.70		0.30	2.61			
	Ch: 8.70m to 18.60m	1	9.90		0.30	2.97			
	Ch: 18.60m to 22.60m	1	4.00		0.30	1.20			
	Ch: 22.60m to 27.90m	1	5.30		0.30	1.59			
	Ch: 27.90m to 31.70m	1	3.80		0.30	1.14			
	Ch: 31.70m to 45.70m	1	14.00		0.30	4.20			
	Ch: 45.70m to 55.50m	1	9.80		0.30	2.94			
	Ch: 55.50m to 65.20m	1	9.70		0.30	2.91			
	Ch: 65.20m to 95.20m	1	30.00		0.30	9.00			
	Ch: 95.20m to 102.20m	1	7.00		0.30	2.10			
	3rd Cross Rd								
	LHS								
	Ch: 0.00m to 21.80m	1	21.80		0.30	6.54			
	Ch: 21.80m to 31.20m	1	9.40		0.30	2.82			
	Ch: 31.20m to 61.20m	1	30.00		0.30	9.00			
	Ch: 61.20m to 73.20m	1	12.00		0.30	3.60			
	Ch: 73.20m to 76.60m	1	3.40		0.30	1.02			
	Ch: 76.60m to 96.00m	1	19.40		0.30	5.82			
	Ch: 96.00m to 113.00m	1	17.00		0.30	5.10			
	RHS from End								
	Ch: 0.00m to 7.00m	1	7.00		0.30	2.10			
	Ch: 7.00m to 13.70m Culvert		6.70						
	Ch: 13.70m to 29.70m	1	16.00		0.30	4.80			
	Ch: 29.70m to 42.40m	1	12.70		0.30	3.81			
	Cross Rd-3								
	LHS								
	Ch: 0.00m to 9.60m	1	9.60		0.30	2.88			
	RHS								
	Ch: 0.00m to 9.30m	1	9.30		0.30	2.79			
					Present Qty	**1635.23**	**Sqm**		
					Upto 125%	**1336.50**	**Sqm**	**194.68**	**260189.82**
					Above 125%	**298.73**	**Sqm**	**194.68**	**58155.78**

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NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch: 241.50m to 260.20m	1	18.70	1.35		25.25			
	TC Box Gap		2.80						
	Ch: 263.00m to 293.00m	1	30.00	1.40		42.00			
	Ch: 293.00m to 306.60m	1	13.60	1.35		18.36			
	Ch: 306.60m to 307.30m	1	0.70	1.35		0.95			
	Ch: 307.30m to 337.30m	1	30.00	1.40		42.00			
	Ch: 337.30m to 367.30m	1	30.00	1.40		42.00			
				Area					
	Deduction of Trees	-100		0.80		-80.00			
	Deduction of Trees	-124		0.48		-59.52			
	Deduction of Sholder Drain	-140		0.50		-70.00			
					Present Qty	**2353.65**	**Sqm**		
					Upto 125%	**800.63**	**Sqm**	**56.36**	**45123.23**
					Above 125%	**1553.02**	**Sqm**	**56.36**	**87528.21**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer

e of work:Comprehensive Development of Balance Roads and Drains t Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout ahanka new town 4th and 5th phase Doddabettahalli village, Kaveri ıt and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

Detailed Measurements

of Measurements 24/09/2021, 28/09/2021, 29/09/2021

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M500-19: providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification 30-45mm compacted thicikness (GradingII) With 6% bitumen 80/100,								
Attur								
Mandharathi Tiffan Center Rd								
Ch: 0.00m to 30.00m	1	30.00	(8.15 + 8.05)/2	0.04	9.72			
Ch: 30.00m to 60.00m	1	30.00	(8.05 + 7.85)/2	0.04	9.54			
Ch: 60.00m to 90.00m	1	30.00	(7.85 + 7.80)/2	0.04	9.39			
Ch: 90.00m to 120.00m	1	30.00	(7.80 + 8.05)/2	0.04	9.51			
Ch: 120.00m to 150.00m	1	30.00	(8.05 + 8.15)/2	0.04	9.72			
Ch: 150.00m to 180.00m	1	30.00	(8.15 + 8.15)/2	0.04	9.78			
Ch: 180.00m to 190.50m	1	10.50	(8.15 + 8.15)/2	0.04	3.42			
Ch: 190.50m to 208.00m	1	17.50	(6.85 + 7.15)/2	0.04	4.90			
Ch: 208.00m to 238.00m	1	30.00	(7.95 + 8.25)/2	0.04	9.72			
Ch: 238.00m to 252.30m	1	14.30	(8.25 + 8.25)/2	0.04	4.72			
Thirumala Nagara								
5th Cross Rd								

Contrcator | Consultant | Assistant Engineer | Assistant Exec. Engineer

Name of work:Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

Detailed Measurements

Measurement Recorded On: 23/10/2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
E4	KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid								
	For Shoulder Drain								
		140.00				140.00			
	((1.6*0.05*0.005*7850)+(3*0.4*0.05*0.005*7850))*140								
						769.30	Kg		
						7.69	Qtl		
	Present Qty					**7.69**	**Qtl**	**7618.22**	**58606.97**
	SUB TOTAL								**78704268.06**
	GST 12%								**9444512.00**
	GRAND TOTAL								**88148780.06**

Contractor

NEWZEN CONSULTANT Bangalore Consultant

Asst. Engineer

Asst. Exec. Engineer